

IEEE Search 03/01/06

(calculat\* <or> measur\* <or> comput\* <or> estimat\*) <near/3> (crowdedness <or> crowd <or> congestion <or> occupancy)

407

(calculat\* <or> measur\* <or> comput\* <or> estimat\*) <near/3> (crowdedness <or> crowd <or> congestion <or> occupancy) <and> (people <or> person\* <or> human\*)

37

**A neural-based crowd estimation by hybrid global learning algorithm**

Siu-Yeung Cho; Chow, T.W.S.; Chi-Tat Leung;

Systems, Man and Cybernetics, Part B, IEEE Transactions on

Volume 29, Issue 4, Aug. 1999 Page(s):535 – 541

**DEKF system for crowding estimation by a multiple-model approach**

Cravino, F.; Dellucca, M.; Tesei, A.;

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**Estimation of number of people in crowded scenes using perspective transformation**

Sheng-Fuu Lin; Jaw-Yeh Chen; Hung-Xin Chao;

Systems, Man and Cybernetics, Part A, IEEE Transactions on

Volume 31, Issue 6, Nov. 2001 Page(s):645 – 654

**Automated measurement of crowd density and motion using image processing**

Velastin, S.A.; Yin, J.H.; Davies, A.C.; Vicencio-Silva, M.A.; Allsop, R.E.; Penn, A.;

Road Traffic Monitoring and Control, 1994., Seventh International Conference on

26-28 Apr 1994 Page(s):127 – 132

(calculat\* <or> measur\* <or> comput\* <or> estimat\*) <near/3> (crowdedness <or> crowd <or> congestion <or> occupancy) <and> (people <or> person\* <or> human\*)

<and> Markov\*

3

Markov\* <sentence> background

47

**Topology free hidden Markov models: application to background modeling**

Stenger, B.; Ramesh, V.; Paragios, N.; Coetzee, F.; Buhmann, J.M.;

Computer Vision, 2001. ICCV 2001. Proceedings. Eighth IEEE International Conference on

Volume 1, 7-14 July 2001 Page(s):294 - 301 vol.1

Digital Object Identifier 10.1109/ICCV.2001.937532

Subway Tracking using HMM

**Error analysis of background adaption**

Xiang Gao; Boulton, T.E.; Coetzee, F.; Ramesh, V.;

Computer Vision and Pattern Recognition, 2000. Proceedings. IEEE Conference on

Volume 1, 13-15 June 2000 Page(s):503 - 510 vol.1

Digital Object Identifier 10.1109/CVPR.2000.855861

**Robust person tracking with non-stationary background using a combined Pseudo-2D-HMM and Kalman-filter approach**

Rigoll, G.; Muller, S.; Winterstein, B.;

Image Processing, 1999. ICIP 99. Proceedings. 1999 International Conference on

Volume 4, 24-28 Oct. 1999 Page(s):242 - 246 vol.4

Digital Object Identifier 10.1109/ICIP.1999.819587

**Hidden Markov modeling for automatic target recognition**

Kottke, D.P.; Jong-Kae Fwu; Brown, K.;

Signals, Systems & Computers, 1997. Conference Record of the Thirty-First Asilomar Conference on

Volume 1, 2-5 Nov. 1997 Page(s):859 - 863 vol.1

Digital Object Identifier 10.1109/ACSSC.1997.680565

Markov <near/2> Random <near/2> Field

824

Markov <near/2> Random <near/2> Field <sentence> background

7

**Clutter adaptive multiframe detection/tracking of random signature targets**

Bruno, M.G.S.; Moura, J.M.F.;

Acoustics, Speech, and Signal Processing, 2001. Proceedings. (ICASSP '01). 2001 IEEE International Conference on

Volume 5, 7-11 May 2001 Page(s):2825 - 2828 vol.5

Digital Object Identifier 10.1109/ICASSP.2001.940234

Markov <near/2> Random <near/2> Field <sentence> track\*

16

**Application of the EM algorithm for the multitarget/multisensor tracking problem**

Molnar, K.J.; Modestino, J.W.;

Signal Processing, IEEE Transactions on [see also Acoustics, Speech, and Signal Processing, IEEE Transactions on]

Volume 46, Issue 1, Jan. 1998 Page(s):115 - 129

Digital Object Identifier 10.1109/78.651193

**Traffic monitoring and accident detection at intersections**

Kamijo, S.; Matsushita, Y.; Ikeuchi, K.; Sakauchi, M.;

Intelligent Transportation Systems, IEEE Transactions on  
Volume 1, Issue 2, June 2000 Page(s):108 - 118  
Digital Object Identifier 10.1109/6979.880968

Markov Random Fields, everything except most probable background reference frame

**Occlusion robust tracking utilizing spatio-temporal Markov random field model**  
Kamijo, S.; Matsushita, Y.; Ikeuchi, K.; Sakauchi, M.;  
Pattern Recognition, 2000. Proceedings. 15th International Conference on  
Volume 1, 3-7 Sept. 2000 Page(s):140 - 144 vol.1  
Digital Object Identifier 10.1109/ICPR.2000.905292